

PCT

WORLD INTELLECTUAL PROP.
International B

INTERNATIONAL APPLICATION PUBLISHED UNDER



(51) International Patent Classification 6 :

H04N 5/445, 7/087

A1

(11) Lr

WO 9607270A1

(43) International Publication Date: 7 March 1996 (07.03.96)

(21) International Application Number: PCT/US95/11173

(22) International Filing Date: 31 August 1995 (31.08.95)

(30) Priority Data:

08/298,997	31 August 1994 (31.08.94)	US
08/312,863	27 September 1994 (27.09.94)	US
08/369,522	5 January 1995 (05.01.95)	US
08/424,863	17 April 1995 (17.04.95)	US
08/475,395	7 June 1995 (07.06.95)	US

(60) Parent Application or Grant

(63) Related by Continuation

US 08/475,395 (CIP)
Filed on 7 June 1995 (07.06.95)

(74) Agent: RAHN, Leroy, T.; Christie, Parker & Hale, Suite 500,
350 West Colorado Boulevard, P.O. Box 7068, Pasadena,
CA 91109-7068 (US).

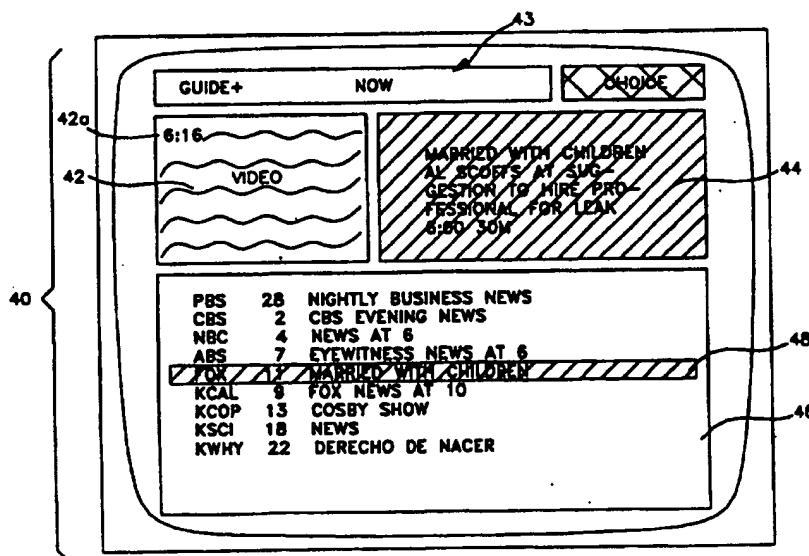
(81) Designated States: AM, AT, AU, BB, BG, BR, BY, CA, CH,
CN, CZ, DE, DK, EE, ES, FI, GB, GE, HU, IS, JP, KE,
KG, KP, KR, KZ, LK, LR, LT, LU, LV, MD, MG, MN,
MW, MX, NO, NZ, PL, PT, RO, RU, SD, SE, SG, SI, SK,
TJ, TM, TT, UA, UG, US, UZ, VN, European patent (AT,
BE, CH, DE, DK, ES, FR, GB, GR, IE, IT, LU, MC, NL,
PT, SE), OAPI patent (BF, BJ, CF, CG, CI, CM, GA, GN,
ML, MR, NE, SN, TD, TG), ARIPO patent (KE, MW, SD,
SZ, UG).

Published

With international search report.

(71)(72) Applicants and Inventors: YUEN, Henry, C. [US/US];
P.O. Box 1159, Redondo Beach, CA 90278 (US).
KWOH, Daniel, S. [US/US]; 3975 Hampstead Road, La
Canada/Flintridge, CA 91011 (US). MANKOVITZ, Roy, J.
[US/US]; 18057 Medley Drive, Encino, CA 91316 (US).
LEUNG, Elsie, Y. [US/US]; 1302 Via Del Rey, South
Pasadena, CA 91030 (US).

(54) Title: METHOD AND APPARATUS FOR DISPLAYING TELEVISION PROGRAMS AND RELATED TEXT



(57) Abstract

A television viewer uses a PIP format for display of program related information (46) such as television program listings from a program schedule data base (22) in the background and moving, real time or stored video clip images of a program selected from the displayed listings in the PIP window (42). All the text of the background information lies outside the PIP window. In one embodiment, as the viewer selects a particular program from the display of current television program listings by means of a cursor (48) or a code number, the corresponding program automatically appears in the PIP window.